J. Electroanal. Chem., 293 (1990) 296
Elsevier Sequoia S.A., Lausanne

Author index

Aldaz, A. 197
Andreoli, R. 209
Anson, F.C. 165

Bae, I.T. 279
Battaglini, F. 55
Battistuzzi Gavioli, G. 209
Beden, B. 253
Benedetti, L. 209
Bianco, P. 151
Borsari, M. 209
Bourdillon, C. 151

Calvo, E.J. 55
Chlistunoff, J. 45
Clavilier, J. 197

Di Quarto, F. 69

Eddowes, M.J. 269

Feliu, J.M. 197
Fink, W.H. 261
Fontanesi, C. 209

Girault, H.H. 19, 269
Goto, M. 177
Gregory, B.W. 85
Gutiérrez, C. 237, 253

Haladjian, J. 151
Huang, H. 279
Hung, Y.-F. 261

Ide, Y. 285
Isoda, S. 111, 125

Kano, K. 177
Kennedy, B.J. 103

Larramona, G. 237
Liaudet, E. 55

Maeda, M. 111, 125
Marassi, R. 45
Marín Galvín, R. 185
McAleer, J. 19
McQuarrie, D.A. 261
Mori, K. 177

Nakazato, T. 285
Nie, L. 1
Noël, M.A.M. 139
Noftle, R.E. 273
Norton, M.L. 85

Orts, J.M. 197
Osteryoung, R.A. 139

Piazza, S. 69
Pletcher, D. 273

Rock, P.A. 261
Rodríguez Mellado, J.M. 185
Ruiz Montoya, M. 185

Scherson, D.A. 279
Seddon, B.J. 269
Seeber, R. 45
Shi, C. 165
Smith, A.W. 103
Stickney, J.L. 85
Sunseri, C. 69

Takehara, K. 285
Taylor, G. 19

Ueyama, S. 111, 125
Uno, B. 177

Volman, D.H. 261

Wandlowski, Th. 219

Xing, X. 279

Yao, S. 1
Yoza, N. 285

Zamponi, S. 45
Zhao, M. 279
Zhou, T. 1

J. Electroanal. Chem., 293 (1990) 296
Elsevier Sequoia S.A., Lausanne

Author index

Aldaz, A. 197
Andreoli, R. 209
Anson, F.C. 165

Bae, I.T. 279
Battaglini, F. 55
Battistuzzi Gavioli, G. 209
Beden, B. 253
Benedetti, L. 209
Bianco, P. 151
Borsari, M. 209
Bourdillon, C. 151

Calvo, E.J. 55
Chlistunoff, J. 45
Clavilier, J. 197

Di Quarto, F. 69

Eddowes, M.J. 269

Feliu, J.M. 197
Fink, W.H. 261
Fontanesi, C. 209

Girault, H.H. 19, 269
Goto, M. 177
Gregory, B.W. 85
Gutiérrez, C. 237, 253

Haladjian, J. 151
Huang, H. 279
Hung, Y.-F. 261

Ide, Y. 285
Isoda, S. 111, 125

Kano, K. 177
Kennedy, B.J. 103

Larramona, G. 237
Liaudet, E. 55

Maeda, M. 111, 125
Marassi, R. 45
Marín Galvín, R. 185
McAleer, J. 19
McQuarrie, D.A. 261
Mori, K. 177

Nakazato, T. 285
Nie, L. 1
Noël, M.A.M. 139
Noftle, R.E. 273
Norton, M.L. 85

Orts, J.M. 197
Osteryoung, R.A. 139

Piazza, S. 69
Pletcher, D. 273

Rock, P.A. 261
Rodríguez Mellado, J.M. 185
Ruiz Montoya, M. 185

Scherson, D.A. 279
Seddon, B.J. 269
Seeber, R. 45
Shi, C. 165
Smith, A.W. 103
Stickney, J.L. 85
Sunseri, C. 69

Takehara, K. 285
Taylor, G. 19

Ueyama, S. 111, 125
Uno, B. 177

Volman, D.H. 261

Wandlowski, Th. 219

Xing, X. 279

Yao, S. 1
Yoza, N. 285

Zamponi, S. 45
Zhao, M. 279
Zhou, T. 1

J. Electroanal. Chem., 293 (1990) 297–299
Elsevier Sequoia S.A., Lausanne

Subject index

Ammonia
Voltammetric and spectroscopic properties of the ammonia adduct of pyrroloquinoline quinone (Kano et al.) 177

Cadmium
In-situ infrared studies of the Cd-UPD mediated reduction of nitrate on gold (Huang et al.) 279
Thin-layer electrochemical studies of the underpotential deposition of cadmium and tellurium on polycrystalline Au, Pt and Cu electrodes (Gregory et al.) 85

Carbon
Immobilization of glucose oxidase on carbon electrodes (Bianco et al.) 151

Charge transfer
Digital simulation of charge transfer to an ultramicrodisc interface (Taylor et al.) 19

Cobalt
An in-situ spectroscopic study of the anodic oxide film on a cobalt electrode at pH 4–14 by potential-modulated reflectance (Larramona, Gutiérrez) 237
Reactivity toward dioxygen of insoluble cobalt porphyrins dispersed on colloidal silica (Shi, Anson) 165

"Costa-type" coenzyme B_{12} models
Use of microelectrodes and spectroelectrochemical techniques in the study of redox properties of organometallic complexes. "Costa-type" coenzyme B_{12} models (Chlistunoff et al.) 45

Dioxygen
Reactivity toward dioxygen of insoluble cobalt porphyrins dispersed on colloidal silica (Shi, Anson) 165

Electrochromism
UV–Visible differential reflectance spectroscopy of the electrochromic oxide layer on iron in 0.1 M NaOH (Gutiérrez, Beden) 253

Electron transfer
Interlayer electron transfer in porphyrin Langmuir–Blodgett multilayer-modified gold electrodes (Ueyama et al.) 111
One-way electron transfer from flavin to porphyrin in a Langmuir–Blodgett multilayer-modified electrode (Ueyama et al.) 125

Enzymes
Electrochemical study of sulphonated ferrocenes as redox mediators in enzyme electrodes (Liaudet et al.) 55
Use of microelectrodes and spectroelectrochemical techniques in the study of redox properties of organometallic complexes. "Costa-type" coenzyme B_{12} models (Chlistunoff et al.) 45

Equivalent circuits
On equivalent circuits of piezoelectric quartz crystals in a liquid and liquid properties. Part I. Theoretical derivation of the equivalent circuit and effects of density and viscosity of liquids (Zhou et al.) 1

Ferricyanide/ferrocyanide couple
An interpretation of the formal potential for the ferricyanide/ferrocyanide couple as a function of solvent composition (Noftle, Pletcher) 273

Ferrocenes
Electrochemical study of sulphonated ferrocenes as redox mediators in enzyme electrodes (Liaudet et al.) 55

Flavin
One-way electron transfer from flavin to porphyrin in a Langmuir–Blodgett multilayer-modified electrode (Ueyama et al.) 125

Formal potential
An interpretation of the formal potential for the ferricyanide/ferrocyanide couple as a function of solvent composition (Noftle, Pletcher) 273

Glucose oxidase
Immobilization of glucose oxidase on carbon electrodes (Bianco et al.) 151

Gold
In-situ infrared studies of the Cd-UPD mediated reduction of nitrate on gold (Huang et al.) 279

Heavy water electrolysis
Energy balance in the electrolysis of water with a palladium cathode (Rock et al.) 261

Interdigitated microband electrodes
Further comments on interdigitated microband electrodes: chronoamperometry and steady state currents (Seddon et al.) 269
Iron
UV–Visible differential reflectance spectroscopy of the electrochromic oxide layer on iron in 0.1 M NaOH (Gutiérrez, Beden) 253

Langmuir–Blodgett films
Interlayer electron transfer in porphyrin Langmuir–Blodgett multilayer-modified gold electrodes (Ueyama et al.) 111
One-way electron transfer from flavin to porphyrin in a Langmuir–Blodgett multilayer-modified electrode (Ueyama et al.) 125
Lead
Study of the conditions for irreversible adsorption of lead at Pt(h, k, l) electrodes (Clavilier et al.) 197
Liquid properties
On equivalent circuits of piezoelectric quartz crystals in a liquid and liquid properties. Part I. Theoretical derivation of the equivalent circuit and effects of density and viscosity of liquids (Zhou et al.) 1

Mercury
Anodic behaviour of the mercury electrode in aqueous solution of 1,10-phenanthroline. The role of adsorption and nucleation processes (Andreoli et al.) 209
On the time dependence of the formation of condensed uracil films at the mercury/electrolyte interface (Wandlowski) 219
Metal chlorides
Use of metal chlorides to buffer neutral ambient temperature molten salts (Noël, Osteryoung) 139
Methanol
Reactivity of RuO_2 as a promoter for methanol oxidation (Kennedy, Smith) 103
Microband electrodes
Further comments on interdigitated microband electrodes: chronoamperometry and steady state currents (Seddon et al.) 269
Microelectrodes
Use of microelectrodes and spectroelectrochemical techniques in the study of redox properties of organometallic complexes. "Costa-type" coenzyme B_{12} models (Chlistunoff et al.) 45
Molten salts
Use of metal chlorides to buffer neutral ambient temperature molten salts (Noël, Osteryoung) 139

Nicotinamide *N*-oxide
Study of the electrochemical reduction of nicotinamide *N*-oxide in aqueous solutions (Ruiz Montoya et al.) 185
Niobium
A photocurrent spectroscopic study of the initial stages of anodic oxide film formation on niobium (Piazza et al.) 69
Nitrate
In-situ infrared studies of the Cd-UPD mediated reduction of nitrate on gold (Huang et al.) 279

Organometallic complexes
Use of microelectrodes and spectroelectrochemical techniques in the study of redox properties of organometallic complexes. "Costa-type" coenzyme B_{12} models (Chlistunoff et al.) 45

Palladium
Energy balance in the electrolysis of water with a palladium cathode (Rock et al.) 261
Phenanthroline
Anodic behaviour of the mercury electrode in aqueous solution of 1,10-phenanthroline. The role of adsorption and nucleation processes (Andreoli et al.) 209
Phosphate and phosphite solutions
On the assignment of the redox peaks observed in phosphate and phosphite solutions at a Pt electrode (Takehara et al.) 285
Photocurrent spectroscopy
A photocurrent spectroscopic study of the initial stages of anodic oxide film formation on niobium (Piazza et al.) 69

Piezoelectric quartz crystals
On equivalent circuits of piezoelectric quartz crystals in a liquid and liquid properties. Part I. Theoretical derivation of the equivalent circuit and effects of density and viscosity of liquids (Zhou et al.) 1
Platinum
On the assignment of the redox peaks observed in phosphate and phosphite solutions at a Pt electrode (Takehara et al.) 285
Study of the conditions for irreversible adsorption of lead at Pt(h, k, l) electrodes (Clavilier et al.) 197
Polycrystalline Au, Pt and Cu electrodes
Thin-layer electrochemical studies of the underpotential deposition of cadmium and tellurium on polycrystalline Au, Pt and Cu electrodes (Gregory et al.) 85
Porphyrins
Interlayer electron transfer in porphyrin Langmuir–Blodgett multilayer-modified gold electrodes (Ueyama et al.) 111
One-way electron transfer from flavin to porphyrin in a Langmuir–Blodgett multilayer-modified electrode (Ueyama et al.) 125
Reactivity toward dioxygen of insoluble cobalt porphyrins dispersed on colloidal silica (Shi, Anson) 165
Potential-modulated reflectance
An in-situ spectroscopic study of the anodic oxide film on a cobalt electrode at pH 4–14 by potential-modulated reflectance (Larramona, Gutiérrez) 237
Pyrroloquinoline quinone
Voltammetric and spectroscopic properties of the ammonia adduct of pyrroloquinoline quinone (Kano et al.) 177

Quartz crystals
On equivalent circuits of piezoelectric quartz crystals in a liquid and liquid properties. Part I. Theoretical derivation of the equivalent circuit and effects of density and viscosity of liquids (Zhou et al.) 1

Ruthenium dioxide
Reactivity of RuO_2 as a promoter for methanol oxidation (Kennedy, Smith) 103

Silica
Reactivity toward dioxygen of insoluble cobalt porphyrins dispersed on colloidal silica (Shi, Anson) 165
Spectroelectrochemistry
Use of microelectrodes and spectroelectrochemical techniques in the study of redox properties of organometallic complexes. "Costa-type" coenzyme B_{12} models (Chlistunoff et al.) 45
Sulphonated ferrocenes
Electrochemical study of sulphonated ferrocenes as redox mediators in enzyme electrodes (Liaudet et al.) 55

Tellurium
Thin-layer electrochemical studies of the underpotential deposition of cadmium and tellurium on polycrystalline Au, Pt and Cu electrodes (Gregory et al.) 85
Thin-layer electrochemistry
Thin-layer electrochemical studies of the underpotential deposition of cadmium and tellurium on polycrystalline Au, Pt and Cu electrodes (Gregory et al.) 85

Ultramicrodisc interface
Digital simulation of charge transfer to an ultramicrodisc interface (Taylor et al.) 19
Uracil
On the time dependence of the formation of condensed uracil films at the mercury/electrolyte interface (Wandlowski) 219